

<1 MSPS SAMPLING With T/H, MULTIPLE SUPPLIES

ast

MODEL	Power Supply Requirements						Input Voltage Range	Conversion Rate	Accuracy or Linear	Differentia Linearity	Full Scale Error	Zero Error	Bipolar		Temperature				# of Pins	Starting Price								
	# Bits	+Icc mA	-Iee mA	+Vcc mA	-Vee mA	+Vdd mA							KSPS	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tma	INT	EXT					
	Bits	+Icc mA	-Iee mA	+Vcc mA	-Vee mA	+Vdd mA	+Idd mA																0 70C	-25 85	-40 85	-55 125		
AD678	12	12	20	12	34	5	12	+10, \pm 5	200	1	1	2	2	8	####	2	2/4	2	2	+5V	P8/12	J	A	S	28	\$27.00		
AD678	12									1/2	1/2	1	1	4	####		1/4 / 4		1/4 / 4			K	B	T		\$33.00		
AD1674	12	12	14	12	18	5	8	All	100	1	1			10/5	6/8/7	3/1	2	6	2	+10V	P8/12	J	A		28	\$16.27		
AD1674	12	or	or							1/2	1/2			5	3/5/7	2/1	1/2	4	1			K	B			\$22.77		
AD1674	12	15	15											10	8	2	2	6	2					T		\$79.70		
AD7870	12	5	6	5	13			\pm 3	100	NS	NS	NS	NS	5	5	NA	NA	5	5	+3V	P12	J	A		S	24	\$19.80	
AD7870	12									1	1	1	1								K	B	T			\$24.20		
AD7870	12									1/2	1/2										L	C				\$33.00		
AD7870A	12	Mode 1 Operation only. CS and RS have control of the Bus, more flexible interface. Specs the same as AD7870J.												P12	J										\$19.80			
AD7874 (On Board 4 Track and Hold Amplifiers, 4x12 Output Register)																												
AD7874	12	5	18	5	12			\pm 10	30/120	1	1	1	1	5	5	NS	NS	5	5	+3V	P12	A			28	\$30.80		
AD7874										1/2	1/2										B	T				\$38.50		
AD7875	12	5	6	5	13			5	100	1	1	1	1	8	11/20.4	5	5	NS	NS	+3V	P12	K	B	T	24	\$24.20		
AD7875	12									1/2	1/2				3.5/6.3						L	C				\$36.30		
AD7876	12	5	6	5	13			\pm 10	100	1	1	1	1	8	11/24	NS	NS	1	1	+3V	P12	B	T	24	S	19.80		
AD7876	12									1/2	1/2				3.5						C					\$27.50		
AD7878 (8x12 on Board FIFO Memory)																												
AD7878	12	5	13	5	0.1	5	5	\pm 3	100	NS	NS	1	1	6	6	NA	NA	6	6	+3V	P12	J	A	S	28	\$30.80		
AD7878	12																				K	B				\$35.20		
AD7878	12																				L					\$43.88		
AD7886	12	5	35	5	35			+5/10	666	2	2	1	1	5	5	5	5	5	5	+5V	P12	J	A		28	\$60.50		
AD7886	12									1.5	1.5										K	B	S			\$71.50		
AD7868 (With on board 12 bit D/A)																												
AD7868	12			5	12	5	27	\pm 3	83	NS	NS	0.9	0.9	5	5	NA	NA	5	5		S		A		24	\$26		
AD7868	12									1	1											B					\$35	
AD7869 (With on board 14 bit D/A)																												
AD7869	14			5	22	5	12	\pm 3V	83	2	2	1	1	20	20	NS	NS	20	20	+3V	S	J			24	\$32		
AD679	14	12	20	12	34	5	12	+10, \pm 5	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	V/Vext	P12	J	A	S		\$32.67		
AD679	14									###	2	1/2	##	2	1/2	16	16	11	11	11			K	B	T			\$38.50
AD779	14	12	20	12	34	5	12	+10, \pm 5	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	V/Vext	P12	X	J	A	S	\$32.67		
AD779	14									2	2	2	2	16	16	11	11	11	11			K	B	T			\$38.50	
AD7871	14	5	6	5	13			\pm 3	83	NS	NS	NS	NS	12	12	NS	NS	12	12	+3V	P12	J	A	S	28	\$32.67		
AD7871	14									1	1	1	1	6	6			6	6			K	B	J			\$38.50	
AD7871	14													8	8			8	8									

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	#	+Icc	-Iee	+Vcc	-Vee	mA					KSPS	+25°C	Tmax	+25°C	Tmax	+25°C	Tmax	+25°C	Tmax	INT	EXT	0	-25	-40	-55	
																					70°C	85	85	125		
AD7872	14	5	6	5	13		±3	83	NS	NS	NS	NS	12	12	NS	NS	12	12	+3V		S	J	A	S	16	\$30.80
AD7872	14								1	1	1	1	6	6			6	6			K	B	T			\$36.30
AD7872	14												8	8			8	8								
AD7882	16	5	27	5	30		0 to -2.5	200	NS				2	2	2	2	2	2	+2.5V	P12		A	S	44	\$55.00	
AD7882							or ± 2.5V	300	1/2	1	1/2	1/2										B	T			
AD7884	16	5	35	5	30		+3	166	NS	NS	NS	NS	NS	NS	NS	NS	16	16	+3V		P12		A	40	\$45.00	
AD7884							or ±5		###	4 1/2	1	1	6	8	6	8	6	8				B	T		\$52.00	
AD7885	16	5	35	5	30		+3	166	NS	NS	NS	NS	NS	NS	NS	NS	16	16	+3V		P12		A	40	\$45.00	
AD7885							or ±5		###	4 1/2	1	1	6	8	6	8	6	8				B	T		\$52.00	
AD1380	16	15	25	15	30	5	15	All	50	4		2	4	64	58	32	14.5	32	15	Yes	P16/S	J			32	#####
AD1380										2												K			#####	
AD1876, AD676, AD677, SELF CALIBRATION, ZERO & DIFF LINEARITY																										
AD1876	16	+12	12	-12	12	+5	12								NS	NS	NS	NS	NS	NS	+5V	S	J			\$33.00
AD676	16	+12	12	-12	12	+5	12	±10	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	+5V	P16	J	A	24	\$31.82	
AD676										###	1 1/2											K	B	T		\$37.25
AD677	16	+12	12	-12	12	+5	12	±10	100	NS	NS	NS	NS	4					4		S	J	A	16	\$29.50	
AD677										###	1 1/2			3				3				K	B	T		\$34.70
AD1382, SELF CALIBRATION, ZERO																										
AD1382	16	15	73	15	65	±5	160	±5 or ±1	500		0.2	1	TYP	1	NS	96	NS	64	NS	+10V	P16	K			DH48	\$595
AD1385, SELF CALIBRATION, ZERO & DIFF LINEARITY																										
AD1385	16	15	80	15	75	±5	160	±5 or ±1	500		0.2	1	TYP	1	1						P16	K		T	DH48	#####